Right for today, ready for tomorrow

IBM Disk Operating System (DOS) Version 4.0

The single-tasking operating system of choice

The most popular operating system for single-task applications—IBM Disk Operating System (DOS)—just got better. The new DOS 4.0[1] delivers more power, more versatility and greater ease of use than earlier versions. And it comes with a special utility that simplifies installation and makes it easy to tailor the operating system to meet your specific needs. So you can work more efficiently with your IBM Personal Computer or Personal System/2® right away.

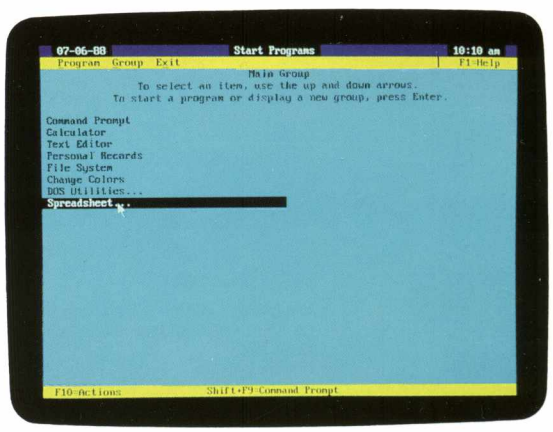
Store files that are larger than ever. In the past, files larger than 32Mb had to be broken up for fixed disk storage. Not anymore. Thanks to DOS 4.0's improved addressing capability, the partitions that previously limited the size of fixed disk files have been modified. As a result, with DOS 4.0, you can create large files or expand existing ones—and store them as single files. Your only limit is the size of your system's fixed disk.

Depend on DOS 4.0 to make your work easier. A new user interface is one of the important differences with DOS 4.0. It provides straightforward menus of DOS applications and utilities to simplify a variety of day-to-day tasks. You just choose the application or utility you want with the press of an arrow key or touch of a mouse. You can format and copy disks, create a memory display, and much more—the whole range of DOS utilities is within easy reach. And so is Help information that guides you step-by-step through a variety of tasks.

But that's not where the help ends. The entire reference library of DOS 4.0 has been revised and simplified. Whether you're a serious home user or a software developer, you'll find the new DOS references make it easy to make the most of Version 4.0's important improvements.

Support memory above 640Kb. If you want to run sophisticated software applications on a system equipped with memory over 640Kb, DOS 4.0 can do the job. It will support any program written to the Lotus®/Intel/Microsoft® (LIM) Expanded Memory Specification (EMS) 4.0. So you can easily address memory over 640Kb and take full advantage of the computing power of your IBM Personal Computer or PS/2.®

On-screen assistance lets you take advantage of DOS 4.0's many applications and utilities.



DOS 4.0 features easy-to-use menus that simplify daily tasks.

IBM

The Bigger Picture

Expand your video and graphics capabilities. DOS Version 4.0 supports more graphics display modes than previous versions—and more graphics printers, too. Among the printers supported are the IBM Graphics Printer, the IBM Color Printer, and the IBM PC Convertible Printer. In fact, DOS 4.0 will support any IBM PC printer that has a compatible print mode.

DOS 4.0 also enables you to display more than 25 lines of text.

Highlights

Here are some of the most important features available with DOS 4.0.

Large fixed disk support lets you store files greater than 32Mb. In fact, you can store files that are as large as your PS/2's fixed disk.

Expanded memory support allows you to address memory above 640Kb and run programs written to Expanded Memory Specification (EMS) 4.0.

User interface supplies user-friendly support and extensive online help.

Installation utility offers easy instructions to speed overall installation and help you customize DOS 4.0.

Video and graphics support provides for new video modes, display of over 25 lines of text, and graphics printing.

Extended National Language Support means DOS 4.0 can be used worldwide. Menus, messages and publications are available in 14 languages—11 translated and three versions of English, including US, UK and universal. Oriental language translations and right-to-left language supplements can also be supported.

19 keyboard layouts support a wide range of business and industry applications for 23 countries/areas. Additionally, layouts are now available for the UK, France and Italy.

DOS 4.0 hardware/memory requirements at a glance

System	DOS 4.0	DOS 4.0 with user interface	DOS 4.0 with user interface and expanded memory
IBM Personal Computer	256Kb	256Kb	640Kb
IBM Personal Computer XT™	256Kb	256Kb	640Kb
IBM Personal Computer XT 286	512Kb	512Kb	640Kb
IBM Personal Computer AT®	256Kb	256Kb	640Kb
IBM PC Convertible	256Kb	256Kb	640Kb
PS/2 Model 25	512Kb	512Kb	640Kb
PS/2 Model 30	512Kb	512Kb	640Kb
PS/2 Model 50, 50 Z, 60	1Mb	1Mb	1Mb
PS/2 Model 70 386	1Mb	1Mb	1Mb
PS/2 Model 80 386	1Mb/2Mb	1Mb/2Mb	1Mb/2Mb

DOS comparisons

Version number	Memory occupied	Systems supported	Key hardware/ functions supported
2.1	24Kb	XT, PC, PC*jr*	Small-memory systems and applications
3.0/3.1	36Kb	AT, XT, PC, PC*jr*	IBM PC Network;[4] EGA graphics and IBM Color Printer
3.2	44Kb	AT, XT, XT 286, PC, PC*jr*, PC Convertible	IBM Token-Ring Network; 3.5-inch diskettes and drives; IBM Enhanced Keyboard
3.30	52Kb[3]	PS/2, AT, XT, XT 286, PC, PC*jr*, PC Convertible	Large partitioned fixed disk files; Extended National Language Support
4.0	62Kb[3]	PS/2, AT, XT, XT 286, PC, PC Convertible	Large nonpartitioned fixed disk files; menu-based user interface; expanded memory; full display and printer support; Extended National Language Support; enhanced warranty; enhanced installation menus

What you get

Each Disk Operating System (DOS) 4.0 program package includes:

- Two 3.5-inch, double-sided (720Kb) diskettes or five 5.25-inch, double-sided (360Kb) diskettes
- Getting Started with DOS 4.0[2]
- Using DOS 4.0[2]
- National Language Keyboard Layout order card

Additional publications

DOS 4.0 publications available for separate purchase include:

- DOS 4.0 Command Reference
- DOS 4.0 Technical Reference for Application Programming and Technical Quick Reference Card

Warranty/Service

IBM Disk Operating System Version 4.0 is developed to meet IBM's high standards of quality and reliability.

Each DOS 4.0 offering is backed by an enhanced warranty and service plan. As with IBM Operating System/2,™ the no-extra-charge service plan is available for DOS after the three-month warranty expires and extends up to 12 months after general availability.

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™ Operating System/2 and Personal Computer XT are trademarks of International Business Machines Corporation.

[1] Available as a complete package or as an upgrade for earlier versions.

[2] Getting Started with DOS 4.0 and Using DOS 4.0 are packaged together and can also be purchased separately.

[3] May vary depending on system configuration.

[4] DOS 3.1 supports IBM PC Network.

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900 King Street
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Printed in the United States of America
7-88

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G360-2819-00